

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,111,372 B2  
APPLICATION NO. : 09/991870  
DATED : September 26, 2006  
INVENTOR(S) : Zvi Feldman and Eyal Peleg

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item 73, please correct the assignee's name from "Opti-Clip Ltd." to --Opti-Clip International LLC--.

Column 7, line 2, cancel the text beginning with "1. A machine for shaping blanks" to and ending "by a motor." in column 7, line 37, and insert the following five claims:

1. A machine for shaping blanks to create filter lenses to be included in a clip-on accessory having a pair of filter lenses which, when the accessory is hitched onto a pair of eyeglasses, having two half sections, then lie in registration with these half sections, said eyeglasses having a predetermined geometry that is matched by the geometry of the filter lenses, said machine comprising:
  - A. A pair of worktables each to support one of the blanks to be shaped, and each to be driven by a first motor;
  - B. A drill bit unit provided with a rotatable drill bit;
  - C. An elevator supporting said drill bit unit and shiftable along a vertical axis to raise or lower the drill bit with respect to the blank on each worktable, and a second motor for driving the elevator;
  - D. A carriage carrying said elevator and shiftable along a horizontal axis to move the drill bit back and forth with respect to said blanks, said carriage being driven by a third motor; and
  - E. A processor including a digitally stored database in which is stored digital data regarding the predetermined geometry of the frame of the eyeglasses, from which data the processor coordinates the operation of the first, second and third motors to cause said drill bit to shape the blanks to form the filter lenses of the matching geometry.
2. A machine as set forth in claim 1, in which said first, second and third motors are stepping motors each powered by a train of dc pulses, the polarity of which determines the extent and direction of movement.
3. A machine as set forth in claim 2, in which said processor controls the stepping motors by varying the number of pulses in the train and their polarity.
4. A machine as set forth in claim 1, in which the drill bit drills holes in said blanks to receive plugs of a clip for anchoring the clip on the filter lenses so that the accessory can be hitched onto the eyeglasses.
5. A machine as set forth in claim 1, in which the drill bit unit is driven to rotate continuously by a motor.

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Column 7, line 41, cancel the text beginning with "7. A machine as set forth in 1" to and ending "direction of movement." in column 8, line 31, and insert the following seven claims:

7. A machine as set forth in 1, in which the processor includes a computer in which the database is digitally stored.
8. A machine as set forth in claim 7, further including an electronic scanner to scan the frame of the eyeglasses to which the clip-on accessory is to be hitched, the scanner supplying the computer with a digital image of the frame from which the data stored in the database is obtained.
9. A machine as set forth in claim 1, in which each worktable is driven by its own said first motor through a shaft, and further including means to tension each said shaft to maintain the respective worktable at a set position.
10. A machine as set forth in claim 9, in which each tension means is provided by a spiral spring surrounding the respectively shaft wherein one end of each spring is attached to the respective shaft, and the other end to a fixed body.
11. A machine as set forth in claim 1, wherein the machine is adapted to perform drilling, milling, cutting, notching, and engraving operations by means of the same drill bit.
12. A machine for shaping blanks to create a pair of lenses of an auxiliary clip-on accessory to be attached onto the frame of a pair of eyeglasses, mounted in half sections of the frame, said frame having a predetermined geometry; said machine comprising:
  - A. A pair of worktables each to support one of the blanks to be shaped, and each having a first motor for driving a respective one of the worktables;
  - B. A drill bit unit provided with a rotating drill bit;
  - C. An elevator supporting said drill bit unit and shiftable along a vertical axis to raise or lower the drill bit with respect to the blank on each worktable, and a second motor for driving the elevator;
  - D. A carriage carrying said elevator and shiftable along a horizontal axis to move the drill bit back and forth with respect to said blank, said carriage being driven by a third motor; and
  - E. A processor including a digitally stored database in which is stored digital data regarding the predetermined geometry of the frame of the eyeglasses, from which data the processor coordinates the operation of the first, second and third motors to cause said drill bit to shape the blanks to form the accessory lenses of the desired geometry.

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13. A machine as set forth in claim 12, in which said first, second and third motors are stepping motors each powered by a train of dc pulses, the polarity of which determines the extent and direction of movement.

On column 8, line 36, in claim 15, please insert --drive-- before "motor."

Column 8, line 40, cancel the text beginning with "17. A machine as set forth in claim 12" to and ending "a fixed body." in column 8, line 52, and insert the following three claims:

17. A machine as set forth in claim 12, in which the processor includes a computer in which the database is digitally stored.

18. A machine as set forth in claim 12, in which each worktable is driven by its own said first motor through a shaft, and further including means to tension each said shaft to maintain the respective worktable at a set position.

19. A machine as set forth in claim 18, in which each tension means is provided by a spiral spring surrounding the respective shaft wherein one end of each spring is attached to the respective shaft, and the other end to a fixed body.

Signed and Sealed this

Nineteenth Day of February, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*